



12-16-02

2644

EXPRESS MAIL NO. EL 451 599 099 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	Conf. No. 3991
)	Art Unit: 2644
JIAN ZHOU et al.)	
)	Examiner:
Serial No. 09/195,129)	Laura A. Grier
Filed: November 18, 1998)	
)	Attorney Docket:
For: Apparatus and Method for)	009826-0005-999
Improved PC Audio Quality)	
)	December 13, 2002

TRANSMITTAL OF AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

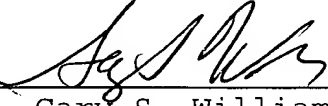
Sir:

Enclosed is an Amendment in response to the office action
mailed on October 2, 2002.

- ☒ The Commissioner is hereby authorized to charge all
fees that may be required, to Deposit Account No.
16-1150 (Order No. 9826-0005-999).
A copy of this page is enclosed.

Respectfully submitted,
PENNIE & EDMONDS LLP

By



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JIAN ZHOU et al.) Art Unit: 2644
Serial No. 09/195,129) Examiner:
Filed: November 18, 1998) Laura A. Grier
For: Apparatus and Method for) Attorney Docket:
Improved PC Audio Quality) 9826-0005-999
December 13, 2002

#12/B
J.D.
12-19-02

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
DEC 18 2002
Technology Center 2600

Dear Sir:

The enclosed Amendment is in response to the Office Action dated October 2, 2002, for the above identified patent application. The response due date is January 2, 2003.

IN THE SPECIFICATION:

Marked up versions of all revised paragraphs, showing insertions and deletions, are included in Appendix A.

Replace the paragraph at page 5 line 28 with the following text:

Still referring to Figure 3, speaker 24 enables computer system 20 to play music CDs and to provide game sound effects. There are a number of commercially available speakers for personal computers, including, for example, the LCS-150 produced by LABTAC of Vancouver, Washington, and the SB-881A produced by Pontech of Taiwan. Alternatively, speaker 24 may be a USB speaker, able to identify its type to system 20. (In which case, bus 44 will be a USB.) Each commercially available speaker has a different frequency response; however, none of them produces the sound quality most consumers have come to expect. Audio system 22 improves the perceived sound